



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



700105701A

AUGUST 27, 2004

PTAS

FENWICK & WEST, LLP
SUSAN T. HUBL
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-305-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/04/2004

REEL/FRAME: 015045/0310
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
TACHAS, GEORGE

DOC DATE: 06/22/2004

ASSIGNOR:
BELVEA, CHRISTOPHER A.

DOC DATE: 06/23/2004

ASSIGNOR:
HEFFERNAN, MARK A.

DOC DATE: 06/24/2004

ASSIGNEE:
ANTISENSE THERAPEUTICS, INC.
10 WALLACE AVENUE, LEVEL 1, TOORAK
VICTORIA, AUSTRALIA 3142

RECEIVED AUG-27-04 07:10PM

FROM-RightFax

TO-Fenwick & West

PAGE 002

015045/0310 PAGE 2

SERIAL NUMBER: 10789526

FILING DATE: 02/26/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: MODULATION OF GROWTH HORMONE RECEPTOR EXPRESSION AND INSULIN-LIKE
GROWTH FACTOR EXPRESSION

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED AUG-27-04 07:10PM

FROM-RightFax

TO-Fenwick & West

PAGE 003



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



700106898

AUGUST 27, 2004

PTAS

FENWICK & WEST LLP
SUSAN T. HUBL, PATENT AGENT
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-309-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/04/2004

REEL/FRAME: 015045/0545
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSICNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSICNOR:
DOBIE, KENNETH W.

DOC DATE: 06/08/2004

ASSIGNOR:
JAIN, RAVI

DOC DATE: 06/08/2004

ASSIGNEE:
ISIS PHARMACEUTICALS, INC.
2292 PARADAY AVENUE
CARLSBAD, CALIFORNIA 92008

SERIAL NUMBER: 10789526

FILING DATE: 02/26/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: MODULATION OF GROWTH HORMONE RECEPTOR EXPRESSION AND INSULIN-LIKE
GROWTH FACTOR EXPRESSION

015048/0545 PAGE 2

DIANE RUSSELE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED AUG-27-04 06:09PM

FROM-RightFax

TO-Fenwick & West

PAGE 003